

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method for interworking between ~~a number~~ of different video communication terminals through a Video Interactive Gateway (VIG) unit in a video communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, comprising ~~characterized in that the method comprises the steps of~~

- the low bit-rate multimedia terminal sending ~~an~~ a first Open Logical Channel (OLC) message to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, and

- the Video Interactive Gateway unit ~~further~~ sending and ~~and/or~~ receiving messages ~~in order~~ to set up video communication between the video communication terminals, wherein the step of ~~and that in~~ setting up video communication between the video communication terminals, includes:

- the Video Interactive Gateway receiving ~~receives~~ a second OLC message from the packet based multimedia terminal, and

- the Video Interactive Gateway initiates a modified OLC message by using the forward channel description received from the packet based multimedia terminal as forward channel description towards the low bit-rate multimedia terminal, and by using the forward channel description received from the low bit-rate multimedia terminal as the reverse channel description towards the low bit-rate multimedia terminal.

2. (Currently Amended) An interworking method according to claim 1, further comprising ~~characterized in that the method further comprises the step of the~~

Video Interactive Gateway unit sending an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal.

3. (Currently Amended) An interworking method according to claim 1, ~~further comprising, or to claim 2, characterized in that in when~~ setting up video communication between the terminals,
~~the Video Interactive Gateway initiates OLC towards the packet based multimedia terminal by using the forward channel description received from the low bit-rate multimedia terminal, and~~
- the Video Interactive Gateway receiving ~~receives~~ an OLC ack message from the low bit-rate multimedia terminal and initiating ~~initiates~~ the OLC ack message towards the packet based multimedia terminal.

4. (Currently Amended) An interworking method according to claim 1 ~~any of the claims 1-3, characterized in that~~ further comprising the Video Interactive Gateway ~~receives~~ receiving the OLC ack message from the packet based multimedia terminal and ~~sends~~ sending an OLC conf message to the low bit-rate multimedia terminal when both the OLC ack message from the low bit-rate multimedia terminal and the OLC ack message from the packet based multimedia terminal have ~~has~~ been received.

5. (Currently Amended) An interworking method according to claim 1 ~~any of the claims 1-3, characterized in that in case~~ wherein upon receipt of the modified OLC message ~~has not been received from the packet based multimedia terminal, when~~ OLC ack is received from the packet based multimedia terminal, the Video Interactive Gateway ~~initiates~~ initiating the modified OLC message to the low bit-rate multimedia terminal by leaving forward channel description empty.

6. (Canceled)

7. (Currently Amended) An interworking method according to claim 1, ~~wherein any of the claims 1-6, characterized in that~~ the low bit-rate multimedia terminal is a H.324 terminal and that the packet based multimedia terminal is a H. 323 terminal or a SIP terminal.

8. (Canceled)

9. (Currently Amended) A method for interworking between ~~a number~~ of different video communication terminals through a Video Interactive Gateway (VIG) in a video communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, ~~characterized in that the method comprises~~ the method comprising the steps of

- the low bit-rate multimedia terminal sending ~~[[an]]~~ a first Open Logical Channel (OLC) message to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, and

- the Video Interactive Gateway unit ~~further~~ sending and ~~and/or~~ receiving messages for setting up in order to set up video communication between the different video communication terminals, comprising the steps of:

~~and that in setting up video communication between the terminals,~~

- starting a timer when ~~[[as]]~~ the Video Interactive Gateway receives the first OLC message first from the low bit-rate multimedia terminal, ~~it starts a timer,~~

- the Video Interactive Gateway receiving the second OLC message ~~receives OLC~~ from the packet based multimedia terminal,

- the Video Interactive Gateway ~~initiates~~ initiating a modified OLC message by using the forward channel description received from the packet based multimedia terminal as forward channel description towards the low bit-rate multimedia terminal, and by using the forward channel description received from the low bit-rate multimedia terminal as the reverse channel description towards the low bit-rate multimedia terminal, and

- the Video Interactive Gateway ~~receiving an~~ receives OLC ack message from the low bit-rate multimedia terminal, ~~initiating an~~ initiates OLC ack message towards the packet based multimedia terminal, and further, ~~initiating an~~ initiates OLC message towards the packet based multimedia terminal by using the forward channel description received from the low bit-rate multimedia terminal.

10. (Currently Amended) An interworking method according to claim 9, ~~wherein characterized in that~~ the method further comprises the step of

- the Video Interactive Gateway unit sending an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal.

11. (Currently Amended) An interworking method according to claim 9 ~~wherein or to claim 10, characterized in that~~ the Video Interactive Gateway sends an OLC conf message to H. 324 when the OLC ack message from the packet based multimedia terminal is received.

12. (Currently Amended) An interworking method according to claim 9 ~~or to claim 10, characterized in that~~ in case the second OLC message has not been received from the packet based multimedia terminal, when the timer expires, VIG initiates the modified OLC message to the low bit-rate multimedia terminal by leaving forward channel description empty.

13. (Currently Amended) An interworking method according to claim 12, ~~wherein characterized in that~~ in case the second OLC message is received from the packet based multimedia terminal later, VIG closing ~~closes~~ the already opened channel to the low bit-rate multimedia terminal and ~~opens~~ opening a new channel ~~one~~ by using the proper forward channel description.

14. (Currently Amended) An interworking method according to claim 13, ~~wherein to any of the claims 9-13, characterized in that~~ the low bit-rate multimedia

terminal is a H. 324 terminal and that the packet based multimedia terminal is a H. 323 terminal or a SIP terminal.

15. (Canceled)

16. (Currently Amended) A method for interworking between ~~a number of different~~ video communication terminals through a Video Interactive Gateway (VIG) in a video communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, the method comprising the steps of:
~~characterized in that the method comprises the steps of~~

- the low bit-rate multimedia terminal sending ~~an~~ a first Open Logical Channel (OLC) message to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, and

- the Video Interactive Gateway unit ~~further sending~~ and ~~and/or receiving~~ messages for ~~in order to set up video communication between the terminals, and that in setting up video communication between the~~ different video communication terminals,

- the Video Interactive Gateway receiving ~~receives~~ a second OLC message from the packet based multimedia terminal, and

- the Video Interactive Gateway ~~initiates~~ initiating a modified OLC message by using the forward channel description received from the packet based multimedia terminal as forward and reverse channel description towards the low bit-rate multimedia terminal.

17. (Currently Amended) An interworking method according to claim 16, further comprising ~~characterized in that the method further comprises~~ the step of

- the Video Interactive Gateway unit sending an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal

18. (Currently Amended) An interworking method according to claim 16 ~~or to claim 17, characterized in that in setting up video communication between the terminals, as~~ further comprising the step of starting a timer when the Video Interactive Gateway receives the first OLC message first from the low bit-rate multimedia terminal; ~~it starts a timer.~~

19. (Currently Amended) An interworking method according to claim 16, ~~wherein the sending and receiving step further comprises to any of the claims 16-18, characterized in that in setting up video communication between the terminals, the~~ Video Interactive Gateway ~~receives~~ receiving an OLC ack message from the low bit-rate multimedia terminal and ~~initiates~~ initiating the OLC ack message towards the packet based multimedia terminal, and ~~further initiates~~ initiating a modified OLC message towards the packet based multimedia terminal by using the forward channel description received from the packet based multimedia terminal.

20. (Currently Amended) An interworking method according to claim 19, further comprising the steps of: ~~any of the claims 16-19, characterized in that~~

- ~~when~~ initiating the modified OLC message by using the forward channel description received from the packet based multimedia terminal as reverse channel description towards the low bitrate multimedia terminal, the Video Interactive Gateway ~~takes~~ taking into account the request received from the low bitrate multimedia terminal, and that

- ~~when~~ initiating the OLC ack message towards the packet based multimedia terminal by using the forward channel description received from the packet based multimedia terminal, the Video Interactive Gateway ~~takes~~ taking into account the request received from the low bit-rate multimedia terminal.

21. (Currently Amended) An interworking method according to claim 20, further comprising the steps of: ~~any of the claims 16-20, characterized in that~~

- ~~when~~ initiating the modified OLC message by using the forward channel description received from the packet based multimedia terminal as reverse channel

description towards the low bit-rate multimedia terminal, the Video Interactive Gateway taking takes into account the capability description received from the low bit-rate multimedia terminal, and ~~that~~

~~—when initiating the OLC ack message~~ towards the packet based multimedia terminal by using the forward channel description received from the packet based multimedia terminal, the Video Interactive Gateway taking takes into account the capability description received from the low bit-rate multimedia terminal.

22. (Currently Amended) An interworking method according to claim 21, ~~further comprising any of the claims 16-21, characterized in that~~ the Video Interactive Gateway receiving receives the OLC ack message from the packet based multimedia terminal and sending sends an OLC conf message to the low bit-rate multimedia terminal when both the OLC ack message from the low bit-rate multimedia terminal and the OLC ack message from the packet based multimedia terminal has been received.

23. (Currently Amended) An interworking method according to claim 21, ~~wherein any of the claims 16-21, characterized in that in case if the second OLC message~~ has not been received from the packet based multimedia terminal, when the timer expires, the Video Interactive Gateway initiating the modified ~~initiates OLC message~~ to the packet based multimedia terminal, and as the packet based multimedia terminal acknowledges this, the Video Interactive Gateway initiating the modified ~~initiates OLC message~~ to the low bit-rate multimedia terminal by leaving forward channel description empty.

24. (Currently Amended) An interworking method according to claim 16, ~~wherein the low bit-rate multi-media terminal is a H.324 terminal and that the packet based multimedia terminal is a SIP terminal or a H.323 terminal. An interworking method according to claims 23, characterized in that in case OLC is received from the packet based multimedia terminal later, the Video Interactive Gateway closes the already opened channel to the low bit-rate multimedia terminal and opens a new one by using the proper forward channel description.~~

25 - 41. (Cancel)

42. (Currently Amended) A Video Interactive Gateway unit for interworking between ~~[[a]] number of~~ different video communication terminals in a video communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, the Video Interactive Gateway unit comprising characterized in that

- means for receiving from the low bit-rate multimedia terminal a first sends an Open Logical Channel(OLC) message to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, and

- ~~the Video Interactive Gateway unit~~ means for
sending and further sends and/or receiving messages ~~in order~~ to set up video communication between the different video communication terminals;
~~and that in setting up video communication between the terminals,~~

- ~~the Video Interactive Gateway receives~~ means for receiving a second OLC message from the packet based multimedia terminal, and

- ~~the Video Interactive Gateway initiates~~ means for initiating a modified OLC message by using the forward channel description received from the packet based multimedia terminal as forward channel description towards the low bit-rate multimedia terminal, and by using the forward channel description received from the low bit-rate multimedia terminal as the reverse channel description towards the low bit-rate multimedia terminal.

43. (Currently Amended) A Video Interactive Gateway unit according to claim 42, ~~characterized in that the Video Interactive Gateway unit sends further comprising means for sending~~ an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal.

44. (Currently Amended) A Video Interactive Gateway unit according to claim 42, further comprising; ~~or to claim 43, characterized in that in setting up video communication between the terminals,~~

- ~~the Video Interactive Gateway initiates~~ means for initiating the modified OLC message towards the packet based multimedia terminal by using the forward channel description received from the low bit-rate multimedia terminal; ~~and~~
- ~~the Video Interactive Gateway receives~~ means for initiating the OLC ack message from the low bit-rate multimedia terminal; and means for initiating the initiates OLC ack message towards the packet based multimedia terminal.

45. (Currently Amended) A Video Interactive Gateway unit according to claim 42, wherein ~~to any of the claims 42-44, characterized in that~~ the low bit-rate multimedia terminal is a H. 324 terminal and that the packet based multimedia terminal is a H. 323 terminal or a SIP terminal.

46. (Canceled)

47. (Currently Amended) A Video Interactive Gateway unit for interworking between ~~a number of~~ different video communication terminals in a video communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, the Video Interactive Gateway unit comprising characterized in that

- ~~- means for receiving from~~ the low bit-rate multimedia terminal ~~sends an a first~~ Open Logical Channel (OLC) message to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, ~~and the Video Interactive Gateway unit[[.]]~~

means for sending and receiving ~~further sends and/or receiving~~ messages in order to set up video communication between the video communication terminals.

~~and that in setting up video communication between the terminals,~~

~~means for starting a timer when~~ as the Video Interactive Gateway receives the first OLC message ~~first from the the low bit-rate multimedia terminal, it starts a timer,~~

~~means for receiving the second OLC message – the Video Interactive Gateway receives OLC~~ from the packet based multimedia terminal,

~~means for initiating a modified OLC message – the Video Interactive Gateway initiates OLC~~ by using the forward channel description received from the packet based multimedia terminal as forward channel description towards the low bit-rate multimedia terminal, and by using the forward channel description received from the low bit-rate multimedia terminal as the reverse channel description towards the low bit-rate multimedia terminal, and ~~that~~

~~means for receiving an~~ ~~the Video Interactive Gateway receives OLC ack message~~ from the low bit-rate multimedia terminal and ~~initiates~~ initiating the OLC ack message towards the packet based multimedia terminal by using the forward channel description received from the low bit-rate multimedia terminal.

48. (Currently Amended) A Video Interactive Gateway unit according to claim 47, ~~characterized in that the Video Interactive Gateway unit sends~~ further comprising

means for sending an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal.

49. (Currently Amended) A Video Interactive Gateway unit according to claim 47, wherein ~~or to claim 48, characterized in that~~ the low bit-rate multimedia terminal is a H. 324 terminal and that the packet based multimedia terminal is a H. 323 terminal or a SIP terminal.

50. (Canceled)

51. (Currently Amended) A Video Interactive Gateway unit for interworking between ~~a number of~~ different video communication terminals in a video

communication system, the video communication system comprising at least one Video Interactive Gateway unit, at least one low bit-rate multimedia terminal, and at least one packet based multimedia terminal, comprising: ~~characterized in that~~

~~- the low bit-rate multimedia terminal sends an~~ means for receiving a first Open Logical Channel (OLC) message from the low bit-rate multimedia terminal to the Video Interactive Gateway unit, the first Open Logical Channel (OLC) message including a forward channel description and a Reverse channel description, and

~~-the Video Interactive Gateway unit further sends and/or~~ means for sending and receiving messages in order to set up video communication between the video communication terminals; [[.]]

~~and that in setting up video communication between the terminals,~~

~~the Video Interactive Gateway receives~~ means for receiving a second OLC message from the packet based multimedia terminal, and

~~the Video Interactive Gateway initiates~~ means for initiating a modified OLC message by using the forward channel description received from the packet based multimedia terminal as forward and reverse channel description towards the low bit-rate multimedia terminal.

52. (Currently Amended) A Video Interactive Gateway unit according to claim 51, wherein ~~characterized in that~~ the Video Interactive Gateway unit sends an Open Logical Channel (OLC) rejection message to the low bit-rate multimedia terminal.

53. (Currently Amended) A Video Interactive Gateway unit according to claim 51 ~~or to claim 52, characterized in that in~~ further comprising means for starting a timer setting up video communication between the terminals, as when the Video Interactive Gateway receives the first OLC message first from the low bitrate multimedia terminal, ~~it starts a timer.~~

54. (Currently Amended) A Video Interactive Gateway unit according to claim 51, further comprising:

~~any of the claims 51-53, characterized in that in setting up video communication between the terminals, the Video Interactive Gateway receives~~

means for receiving the OLC ack message from the low bit-rate multimedia terminal and initiating the initiates OLC ack message towards the packet based multimedia terminal, and initiating the modified ~~further initiates~~ OLC message towards the packet based multimedia terminal by using the forward channel description received from the packet based multimedia terminal.

55. (Currently Amended) A Video Interactive Gateway unit according to claim 54, wherein ~~any of the claims 51-54, characterized in that~~ the low bit-rate multimedia terminal is a H. 324 terminal and ~~that the~~ packet based multimedia terminal is a H. 323 terminal or a SIP terminal.

56. (Canceled)